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NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	JAN 12	Match STN Content and Features to Your Information Needs, Quickly and Conveniently
NEWS 3	JAN 25	Annual Reload of MEDLINE database
NEWS 4	FEB 16	STN Express Maintenance Release, Version 8.4.2, Is Now Available for Download
NEWS 5	FEB 16	Derwent World Patents Index (DWPI) Revises Indexing of Author Abstracts
NEWS 6	FEB 16	New FASTA Display Formats Added to USGENE and PCTGEN
NEWS 7	FEB 16	INPADOCDB and INPAFAMDB Enriched with New Content and Features
NEWS 8	FEB 16	INSPEC Adding Its Own IPC codes and Author's E-mail Addresses
NEWS 9	APR 02	CAS Registry Number Crossover Limits Increased to 500,000 in Key STN Databases
NEWS 10	APR 02	PATDPAFULL: Application and priority number formats enhanced
NEWS 11	APR 02	DWPI: New display format ALLSTR available
NEWS 12	APR 02	New Thesaurus Added to Derwent Databases for Smooth Sailing through U.S. Patent Codes
NEWS 13	APR 02	EMBASE Adds Unique Records from MEDLINE, Expanding Coverage back to 1948
NEWS 14	APR 07	CA/CAplus CLASS Display Streamlined with Removal of Pre-IPC 8 Data Fields
NEWS 15	APR 07	50,000 World Traditional Medicine (WTM) Patents Now Available in CAplus
NEWS 16	APR 07	MEDLINE Coverage Is Extended Back to 1947
NEWS 17	JUN 16	WPI First View (File WPIFV) will no longer be available after July 30, 2010
NEWS 18	JUN 18	DWPI: New coverage - French Granted Patents
NEWS 19	JUN 18	CAS and FIZ Karlsruhe announce plans for a new STN platform
NEWS 20	JUN 18	IPC codes have been added to the INSPEC backfile (1969-2009)
NEWS 21	JUN 21	Removal of Pre-IPC 8 data fields streamline displays in CA/CAplus, CASREACT,and MARPAT
NEWS 22	JUN 21	Access an additional 1.8 million records exclusively enhanced with 1.9 million CAS Registry Numbers -- EMBASE Classic on STN
NEWS 23	JUN 28	Introducing "CAS Chemistry Research Report": 40 Years of Biofuel Research Reveal China Now Atop U.S. in Patenting and Commercialization of Bioethanol
NEWS 24	JUN 29	Enhanced Batch Search Options in DGENE, USGENE, and PCTGEN

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.

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                                                         ENTRY    SESSION
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=> s silicon (p) aluminum (p) coating
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'SILICON (P) ALUMINUM'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'ALUMINUM (P) COATING'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'SILICON (P) ALUMINUM'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'ALUMINUM (P) COATING'
L1       33556 SILICON (P) ALUMINUM (P) COATING
```

```
=> dup rem
ENTER L# LIST OR (END):l1
PROCESSING IS APPROXIMATELY   5% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  10% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  15% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  22% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  23% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  25% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  27% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  38% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  41% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  43% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  44% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  46% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  47% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  49% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  50% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  52% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  54% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  55% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  57% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  59% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  60% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  62% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  63% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  65% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  67% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  68% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  70% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  71% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  73% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  74% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  76% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  78% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  80% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  81% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  83% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  85% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  87% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  89% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  91% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  92% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  94% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  96% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  97% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY  99% COMPLETE FOR L1
PROCESSING COMPLETED FOR L1
L2        32067 DUP REM L1 (1489 DUPLICATES REMOVED)

=>
  IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s l2 and (iron (a) oxide)
L3        2466 L2 AND (IRON (A) OXIDE)

=> s l3 (L) shell
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
```

```
FIELD CODE - 'AND' OPERATOR ASSUMED 'L13 (L) SHELL'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L15 (L) SHELL'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L17 (L) SHELL'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L19 (L) SHELL'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L21 (L) SHELL'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L23 (L) SHELL'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L25 (L) SHELL'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L27 (L) SHELL'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L29 (L) SHELL'
L4         734 L3 (L) SHELL

=> dup rem l4
PROCESSING IS APPROXIMATELY  64% COMPLETE FOR L4
PROCESSING COMPLETED FOR L4
L5          734 DUP REM L4 (0 DUPLICATES REMOVED)

=> d his

     (FILE 'HOME' ENTERED AT 12:38:32 ON 08 JUL 2010)

     FILE 'CAPLUS, MEDLINE, BIOSIS, BIOTECHNO, COMPENDEX, ANABSTR, CERAB,
     METADEX, USPATFULL' ENTERED AT 12:39:05 ON 08 JUL 2010
L1         33556 S SILICON (P) ALUMINUM (P) COATING
L2         32067 DUP REM L1 (1489 DUPLICATES REMOVED)
L3          2466 S L2 AND (IRON (A) OXIDE)
L4           734 S L3 (L) SHELL
L5           734 DUP REM L4 (0 DUPLICATES REMOVED)

=> s silicon (s) aluminum (s) coat? (s) shell
L6          423 SILICON (S) ALUMINUM (S) COAT? (S) SHELL

=> s silicon (s) aluminum (s) coat? (s) composit?
L7         9055 SILICON (S) ALUMINUM (S) COAT? (S) COMPOSIT?

=> s silicon (s) aluminum (s) coat? (s) composit? (s) shell
L8          192 SILICON (S) ALUMINUM (S) COAT? (S) COMPOSIT? (S) SHELL

=> dup rem l8
PROCESSING COMPLETED FOR L8
L9           192 DUP REM L8 (0 DUPLICATES REMOVED)

=> s l9 (L) iron (a3) oxide
MISSING OPERATOR 'IRON (A3'
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s l9 (L) iron (a) oxide
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L75 (L) IRON'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L77 (L) IRON'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L79 (L) IRON'
```

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PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L81 (L) IRON'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L83 (L) IRON'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L85 (L) IRON'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L87 (L) IRON'
L10         90 L9 (L) IRON (A) OXIDE

=> s l10 (L) magnetite
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L76 (L) MAGNETITE'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L78 (L) MAGNETITE'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L80 (L) MAGNETITE'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L82 (L) MAGNETITE'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L84 (L) MAGNETITE'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L86 (L) MAGNETITE'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L88 (L) MAGNETITE'
L11          3 L10 (L) MAGNETITE

=> d l11 1-13

L11  ANSWER 1 OF 3  USPATFULL on STN
AN     2009:42837  USPATFULL <<LOGINID::20100708>>
TI     Proppants With Carbide and/or Nitride Phases
IN     Skala, Robert D., Katy, TX, UNITED STATES
       Loscutova, John R., Houston, TX, UNITED STATES
       Coker, Christopher E., Houston, TX, UNITED STATES
PA     OXANE MATERIALS, INC., Houston, TX, UNITED STATES (U.S. corporation)
PI     US 20090038797      A1  20090212
AI     US 2008-176029      A1  20080718 (12)
PRAI   US 2007-950534P         20070718 (60)
DT     Utility
FS     APPLICATION
LN.CNT 4741
INCL   INCLM: 166/280.100
       INCLS: 507/239.000
NCL    NCLM:  166/280.100
       NCLS:  507/239.000
IC     IPCI   E21B0043-267 [I,A]; E21B0043-25 [I,C*]
       IPCR   E21B0043-25 [I,C]; E21B0043-267 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11  ANSWER 2 OF 3  USPATFULL on STN
AN     2008:155854  USPATFULL <<LOGINID::20100708>>
TI     Composition and Method For Making a Proppant
IN     Smith, Russell J., Houston, TX, UNITED STATES
       Loscutova, John R., Houston, TX, UNITED STATES
       Coker, Christopher E., Houston, TX, UNITED STATES
       Barron, Andrew R., Houston, TX, UNITED STATES
       Skala, Robert D., Katy, TX, UNITED STATES
       Whitsitt, Elizabeth A., Houston, TX, UNITED STATES
       Wiesner, Mark, Raleigh, NC, UNITED STATES
       Costantino, Stephen A., Reading, PA, UNITED STATES
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       Bordia, Rajendra, Seattle, WA, UNITED STATES
PA     OXANE MATERIALS, INC., Houston, TX, UNITED STATES (U.S. corporation)
PI     US 20080135245      A1  20080612
AI     US 2007-769247      A1  20070627 (11)
RLI    Continuation-in-part of Ser. No. US 2007-728953, filed on 27 Mar 2007,
       PENDING Continuation-in-part of Ser. No. US 2006-498527, filed on 3 Aug
       2006, PENDING Continuation-in-part of Ser. No. US 2006-347664, filed on
       3 Feb 2006, PENDING
PRAI   US 2005-649594P         20050204 (60)
DT     Utility
FS     APPLICATION
LN.CNT 4246
INCL   INCLM: 166/280.200
       INCLS: 264 8; 264 7; 166/280.100
NCL    NCLM:  166/280.200
       NCLS:  166/280.100; 264/007.000; 264/008.000
IC     IPCI   E21B0043-267 [I,A]; E21B0043-25 [I,C*]
       IPCR   E21B0043-25 [I,C]; E21B0043-267 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11  ANSWER 3 OF 3  USPATFULL on STN
AN     2007:231046  USPATFULL <<LOGINID::20100708>>
TI     Composition and method for making a proppant
IN     Smith, Russell J., Houston, TX, UNITED STATES
       Loscutova, John R., Houston, TX, UNITED STATES
       Coker, Christopher E., Houston, TX, UNITED STATES
       Barron, Andrew R., Houston, TX, UNITED STATES
       Skala, Robert D., Katy, TX, UNITED STATES
PI     US 20070202318      A1  20070830
AI     US 2007-728953      A1  20070327 (11)
RLI    Continuation-in-part of Ser. No. US 2006-498527, filed on 3 Aug 2006,
       PENDING Continuation-in-part of Ser. No. US 2006-347664, filed on 3 Feb
       2006, PENDING
PRAI   US 2005-649594P         20050204 (60)
DT     Utility
FS     APPLICATION
LN.CNT 3404
INCL   INCLM: 428/323.000
       INCLS: 428/403.000
NCL    NCLM:  428/323.000
       NCLS:  428/403.000
IC     IPCI   B32B0005-16 [I,A]; B32B0015-02 [I,A]
       IPCR   B32B0005-16 [I,C]; B32B0005-16 [I,A]; B32B0015-02 [I,C];
              B32B0015-02 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


=> d his

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     FILE 'CAPLUS, MEDLINE, BIOSIS, BIOTECHNO, COMPENDEX, ANABSTR, CERAB,
     METADEX, USPATFULL' ENTERED AT 12:39:05 ON 08 JUL 2010
L1        33556 S SILICON (P) ALUMINUM (P) COATING
L2        32067 DUP REM L1 (1489 DUPLICATES REMOVED)
L3         2466 S L2 AND (IRON (A) OXIDE)
L4          734 S L3 (L) SHELL
L5          734 DUP REM L4 (0 DUPLICATES REMOVED)
L6          423 S SILICON (S) ALUMINUM (S) COAT? (S) SHELL
L7         9055 S SILICON (S) ALUMINUM (S) COAT? (S) COMPOSIT?
L8          192 S SILICON (S) ALUMINUM (S) COAT? (S) COMPOSIT? (S) SHELL
```

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L9          192 DUP REM L8 (0 DUPLICATES REMOVED)
L10          90 S L9 (L) IRON (A) OXIDE
L11           3 S L10 (L) MAGNETITE

=> d l8 1-5 ibib  abs

L8   ANSWER 1 OF 192  CAPLUS  COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER:        2009:593338  CAPLUS <<LOGINID::20100708>>
DOCUMENT NUMBER:         150:549067
TITLE:                   Layered composite support composed of core and porous
                         coating with high specific surface area for thin shell
                         noble metal catalyst
INVENTOR(S):             Li, Yingcheng; Gu, Guoyao; Weng, Yi; Ma, Chunjing
PATENT ASSIGNEE(S):      China Petroleum and Chemical Corporation, Peop. Rep.
                         China; Shanghai Research Institute of Petrochemical
                         Technology, China Petroleum and Chemical Corporation
SOURCE:                  Faming Zhuanli Shenqing Gongkai Shuomingshu, 9pp.
                         CODEN: CNXXEV
DOCUMENT TYPE:           Patent
LANGUAGE:                Chinese
FAMILY ACC. NUM. COUNT:  1
PATENT INFORMATION:

     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
     ---------------     ----   --------    --------------------   --------
     CN 101428216         A     20090513    CN 2007-10047871       20071107
PRIORITY APPLN. INFO.:                      CN 2007-10047871       20071107
AB   The title layered composite support for thin shell noble metal catalyst
     comprises 75-95 weight% of inner core as inert support, and 5-25 weight% of
     outer porous coating on the inner core.  The inner core is selected from
     at least one of α-alumina, θ-alumina, metal, SiC, cordierite,
     zirconia, titania, quartz, mullite and aluminum-rich andalusite.  The
     outer porous coating is selected from at least one of γ-alumina,
     δ-alumina, η-alumina, θ-alumina, silica/alumina, zeolite,
     non-zeolite mol. sieve, titania and zirconia, and has pore size of 0.5-50
     nm and sp. surface area of 50-500 m2/g.  The layered composite support
     solves the problems existing in conventional technique, such as small sp.
     surface area, low noble catalyst dispersity, poor utilization ratio, and
     low selectivity; and can be used for industrial production of thin shell
     catalyst.

L8   ANSWER 2 OF 192  CAPLUS  COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER:        2008:845187  CAPLUS <<LOGINID::20100708>>
DOCUMENT NUMBER:         150:219416
TITLE:                   Effect of Slurry Composition on Plate Weight in
                         Ceramic Shell Investment Casting
AUTHOR(S):               Sidhu, Balwinder Singh; Kumar, Pradeep; Mishra, B. K.
CORPORATE SOURCE:        Department of Mechanical and Industrial Engineering,
                         IIT, Roorkee, 247 667, India
SOURCE:                  Journal of Materials Engineering and Performance
                         (2008), 17(4), 489-498
                         CODEN: JMEPEG; ISSN: 1059-9495
PUBLISHER:               Springer
DOCUMENT TYPE:           Journal
LANGUAGE:                English
AB   This paper deals with the study of the effect of primary slurry parameters
     on the plate weight (ceramic retention test) in ceramic shell investment
     casting process.  Four controllable factors of the zircon flour and
     fused-silica powder based slurries were studied at three levels each by
     Taguchi's parametric approach and single-response optimization of plate
     weight was conducted to identify the main factors controlling its stability.
```

Variations in coating thickness with plate weight were calculated for each slurry and ceramic shell molds were made on wax plate using primary slurry and coarse fused-silica sand as stucco. The Scanning Electronic Microscopy (SEM) technique was used to study the surface morphol. of zircon flour and fused silica powder particles as well as primary coating (shell surface). X-ray Diffraction (XRD) anal. was done to identify the various phases present in the ceramic slurry coating. Optical profilometer has been used to measure the surface roughness of the shells. The result reveals that the surface condition of shell can be improved by increasing the plate weight, corresponding to higher filler loading in the slurry. Confirmation expts. were conducted at an optimal condition showed that the surface quality of the ceramic shell mold were improved significantly. Castings were produced using Al-7%Si alloy in recommended parameters through ceramic shell investment casting process. Surface roughness of the produced casting were measured and presented in this paper.

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 192 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2004:898199 CAPLUS <<LOGINID::20100708>>
DOCUMENT NUMBER: 143:233776
TITLE: Heterogeneous nucleation as coating technique and its application in ceramic processing
AUTHOR(S): Zhang, Juxian; Lu, Yanping; Gao, Longqiao
CORPORATE SOURCE: Beijing Vacuum Electronics Research Institute, Beijing, 100016, Peop. Rep. China
SOURCE: Xiyou Jinshu Cailiao Yu Gongcheng (2003), 32(Suppl. 1), 726-729
CODEN: XJCGEA; ISSN: 1002-185X
PUBLISHER: Kexue Chubanshe
DOCUMENT TYPE: Journal
LANGUAGE: Chinese
AB The principle of heterogeneous nucleation as coating technique was introduced. And the characters, i.e., the coating layer was uniform, multiple and quant., were presented. Modifying the surface of powders and altering the colloidal behaviors in aqueous suspensions by heterogeneous nucleation processing were reviewed. Application of heterogeneous nucleation processing in mixing powders, especially in nanocomposites, which was a better method for uniformly dispersing nanoparticles in ceramic matrix, was discussed. In addition, Al2O3/SiC nanocomposites the majority of which was intragranular structure, could be fabricated by coating nano-SiC with heterogeneous nucleation processing, was also presented.

L8 ANSWER 4 OF 192 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2004:700495 CAPLUS <<LOGINID::20100708>>
DOCUMENT NUMBER: 141:192628
TITLE: Titanium dioxide/strontium titanate composite fine-grain particles suitable as UV shielding agents, their manufacture, and their use in cosmetic sunscreens, UV-shielding paints, and UV-shielding inks
INVENTOR(S): Yamaguchi, Taichi; Maruyama, Hiroshi
PATENT ASSIGNEE(S): Teyca Corporation, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004238210	A	20040826	JP 2003-26001	20030203
JP 4273392	B2	20090603		

PRIORITY APPLN. INFO.: JP 2003-26001 20030203

AB Fine-grain composite particles consisting of TiO2 fine-grain core particles of size ≤0.1 μm and Sr titanate shell unified with the TiO2 core particles are claimed. TiO2 core particles are treated with Sr compound solns. under basic conditions for partial conversion of the core surface into Sr titanate. UV-shielding agents, cosmetic sunscreens, UV-shielding paints, and UV-shielding inks including the said composite particles are also claimed. The particles show selective UV shielding and high visible light transmission.

L8 ANSWER 5 OF 192 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1982:513789 CAPLUS <<LOGINID::20100708>>
DOCUMENT NUMBER: 97:113789
ORIGINAL REFERENCE NO.: 97:18872h,18873a
TITLE: Metal-shell char particulate composites using copper-coated particles
AUTHOR(S): Gopakumar, K.; Murali, T. P.; Rohatgi, P. K.
CORPORATE SOURCE: Reg. Res. Lab., CSIR, Trivandrum, 695019, India
SOURCE: Journal of Materials Science (1982), 17(4), 1041-8
CODEN: JMTSAS; ISSN: 0022-2461
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Optimum conditions for obtaining uniform and continuous Cu coatings on coconut shell char particles 125 μ diameter are reported. Cu at 30 weight%, in the form of coatings with almost theor. d., was deposited on shell char particles. The particles were dispersed in Al-11.8 weight% Si [11145-27-0] alloy melts by using the vortex method and cast. The composites were also made by powder metallurgy techniques. As a result of 4 weight% dispersion addition to the as-sintered Cu composites (1) Brinell hardness decreased from 45 to 35.7, (2) d. decreased from 7.9 to 7.06 g/cm3, (3) elec. resistivity increased from 5 to 10.05 μΩ-cm, and (4) wear rate and friction coefficient under dry conditions decreased from 6.635 + 10-11 and 0.250, to 3.89 + 10-11 cm2 and 0.129, resp. Repressing and annealing increased the d. and hardness, and decreased the elec. resistivity.

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

=> s alumin? (s) silic? (s) composit? (s) (shell or coat?)
L12 24333 ALUMIN? (S) SILIC? (S) COMPOSIT? (S) (SHELL OR COAT?)

=> s l12 and (antibod? or protein or assay)
L13 3161 L12 AND (ANTIBOD? OR PROTEIN OR ASSAY)

=> s l13 and (iron (3a) oxide)
L14 716 L13 AND (IRON (3A) OXIDE)

=> dup rem l14
PROCESSING IS APPROXIMATELY 81% COMPLETE FOR L14
PROCESSING COMPLETED FOR L14
L15 716 DUP REM L14 (0 DUPLICATES REMOVED)

=> d l15 1-5 ibib abs

L15 ANSWER 1 OF 716 USPATFULL on STN
ACCESSION NUMBER: 2010:194532 USPATFULL <<LOGINID::20100708>>
TITLE: Assay Particles and Methods of Use

INVENTOR(S): Patton, Wayne F., Newton, MA, UNITED STATES
PATENT ASSIGNEE(S): PerkinElmer LAS, Inc., Waltham, MA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20100173315	A1	20100708
APPLICATION INFO.:	US 2010-689730	A1	20100119 (12)

RELATED APPLN. INFO.: Division of Ser. No. US 2006-503312, filed on 11 Aug 2006, ABANDONED

	NUMBER	DATE
PRIORITY INFORMATION:	US 2005-707492P	20050811 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: FISH & RICHARDSON PC, P.O. BOX 1022, MINNEAPOLIS, MN, 55440-1022, US
NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1-9
NUMBER OF DRAWINGS: 4 Drawing Page(s)
LINE COUNT: 1595

AB The invention provides assay particles useful, for example, for detecting analytes and binding molecule interactions. One type of assay particle includes a core portion encased by a shell portion, wherein the shell portion comprises an inorganic phosphor that binds selectively to a target molecule. Another type of an assay particle includes a core portion encased by a shell portion, and a coat portion covering the shell portion, wherein the coat portion comprises an inorganic phosphor that binds selectively to a target molecule. A further type of assay particle includes a core portion encased by a shell portion, and a coat portion covering the shell portion, wherein the coat portion comprises an inorganic phosphor and a target selective binding moiety, and wherein the assay particle is buoyant in aqueous media. An additional type of assay particle includes a core portion encased by a shell portion, and a coat portion covering the shell portion, wherein the shell portion comprises an inorganic phosphor and the coat portion comprises a target selective binding moiety, and wherein the assay particle is buoyant in aqueous media. Also provided are kits and related methods.

L15 ANSWER 2 OF 716 USPATFULL on STN
ACCESSION NUMBER: 2010:194287 USPATFULL <<LOGINID::20100708>>
TITLE: Porous Substrates, Articles, Systems and Compositions Comprising Nanofibers and Methods of Their Use and Production
INVENTOR(S): Niu, Chunming, Palo Alto, CA, UNITED STATES
PATENT ASSIGNEE(S): NANOSYS, INC., Palo Alto, CA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20100173070	A1	20100708
APPLICATION INFO.:	US 2010-715126	A1	20100301 (12)

RELATED APPLN. INFO.: Division of Ser. No. US 2006-511886, filed on 29 Aug 2006, PENDING Continuation-in-part of Ser. No. US 2006-331445, filed on 11 Jan 2006, Pat. No. US 7553371 Continuation-in-part of Ser. No. US 2004-941746, filed on 15 Sep 2004, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-541463P	20040202 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: NANOSYS INC., 2625 HANOVER ST., PALO ALTO, CA, 94304, US
NUMBER OF CLAIMS: 21
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 22 Drawing Page(s)
LINE COUNT: 2136

AB Porous and/or curved nanofiber bearing substrate materials are provided having enhanced surface area for a variety of applications including as electrical substrates, semipermeable membranes and barriers, structural lattices for tissue culturing and for composite materials, production of long unbranched nanofibers, and the like. A method of producing nanofibers is disclosed including providing a plurality of microparticles or nanoparticles such as carbon black particles having a catalyst material deposited thereon, and synthesizing a plurality of nanofibers from the catalyst material on the microparticles or nanoparticles. Compositions including carbon black particles having nanowires deposited thereon are further disclosed.

L15 ANSWER 3 OF 716 USPATFULL on STN
ACCESSION NUMBER: 2010:187108 USPATFULL <<LOGINID::20100708>>
TITLE: Use of Tiliacora Triandra in Cosmetics and Compositions Thereof
INVENTOR(S): Ptchelintsev, Dmitri S., Jersey City, NJ, UNITED STATES
PATENT ASSIGNEE(S): Avon Products, Inc., Suffern, NY, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 20100166677	A1	20100701	
APPLICATION INFO.:	US 2008-345707	A1	20081230	(12)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: AVON PRODUCTS, INC., AVON PLACE, SUFFERN, NY, 10901, US
NUMBER OF CLAIMS: 21
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Page(s)
LINE COUNT: 1209

AB The present disclosure relates to compositions and methods for treating, preventing and improving the condition and aesthetic appearance of skin, particularly, treating, preventing, ameliorating, reducing and/or eliminating fine lines and/or wrinkles of skin, where the compositions include natural plant constituents which increase expression levels genes, collagen replacement and retention, and cell proliferation of epidermis and dermis associated with the dermatological signs of aging. The compositions of the invention are topically applied to the skin, or are delivered by directed means to a site in need thereof, once daily in an amount effective in improving the condition and aesthetic appearance of skin.

L15 ANSWER 4 OF 716 USPATFULL on STN
ACCESSION NUMBER: 2010:180223 USPATFULL <<LOGINID::20100708>>
TITLE: POLY(ETHYLENE GLYCOL) CONTAINING CHEMICALLY DISPARATE ENDGROUPS
INVENTOR(S): Breitenkamp, Kurt, Tampa, FL, UNITED STATES

Sill, Kevin N., Tampa, FL, UNITED STATES
Skaff, Habib, Tampa, FL, UNITED STATES
PATENT ASSIGNEE(S): Intezyne Technologies, Inc., Tampa, FL, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20100160645	A1	20100624
APPLICATION INFO.:	US 2009-475017	A1	20090529 (12)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2007-796385, filed on 27 Apr 2007, Pat. No. US 7560588

	NUMBER	DATE
PRIORITY INFORMATION:	US 2006-795412P	20060427 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: CHOATE, HALL & STEWART LLP, TWO INTERNATIONAL PLACE, BOSTON, MA, 02110, US
NUMBER OF CLAIMS: 2
EXEMPLARY CLAIM: 1-27
LINE COUNT: 3438
AB The present invention provides bifunctional polymers, methods of preparing the same, and intermediates thereto. These compounds are useful in a variety of applications including the PEGylation of biologically active molecules. The invention also provides methods of using said compounds and compositions thereof.

L15 ANSWER 5 OF 716 USPATFULL on STN
ACCESSION NUMBER: 2010:179957 USPATFULL <<LOGINID::20100708>>
TITLE: COMPOSITIONS FOR DRUG ADMINISTRATION
INVENTOR(S): Maggio, Edward T., San Diego, CA, UNITED STATES
PATENT ASSIGNEE(S): Aegis Therapeutics LLC, San Diego, CA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20100160378	A1	20100624
APPLICATION INFO.:	US 2009-645376	A1	20091222 (12)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2008-341696, filed on 22 Dec 2008, PENDING
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: DLA PIPER LLP (US), 4365 EXECUTIVE DRIVE, SUITE 1100, SAN DIEGO, CA, 92121-2133, US
NUMBER OF CLAIMS: 60
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 7 Drawing Page(s)
LINE COUNT: 3212
AB The present invention provides compositions and methods and for increasing the bioavailability of therapeutic agents in a subject, as well as compositions and methods for providing migraine pain relief. The compositions include at least one alkyl glycoside and at least one therapeutic agent, such as a 5-HT receptor agonist, wherein the alkylglycoside has an alkyl chain length from about 10 to about 16 carbon atoms.

=> d his

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     (FILE 'HOME' ENTERED AT 12:38:32 ON 08 JUL 2010)

     FILE 'CAPLUS, MEDLINE, BIOSIS, BIOTECHNO, COMPENDEX, ANABSTR, CERAB,
     METADEX, USPATFULL' ENTERED AT 12:39:05 ON 08 JUL 2010
L1        33556 S SILICON (P) ALUMINUM (P) COATING
L2        32067 DUP REM L1 (1489 DUPLICATES REMOVED)
L3         2466 S L2 AND (IRON (A) OXIDE)
L4          734 S L3 (L) SHELL
L5          734 DUP REM L4 (0 DUPLICATES REMOVED)
L6          423 S SILICON (S) ALUMINUM (S) COAT? (S) SHELL
L7         9055 S SILICON (S) ALUMINUM (S) COAT? (S) COMPOSIT?
L8          192 S SILICON (S) ALUMINUM (S) COAT? (S) COMPOSIT? (S) SHELL
L9          192 DUP REM L8 (0 DUPLICATES REMOVED)
L10          90 S L9 (L) IRON (A) OXIDE
L11           3 S L10 (L) MAGNETITE
L12       24333 S ALUMIN? (S) SILIC? (S) COMPOSIT? (S) (SHELL OR COAT?)
L13        3161 S L12 AND (ANTIBOD? OR PROTEIN OR ASSAY)
L14         716 S L13 AND (IRON (3A) OXIDE)
L15         716 DUP REM L14 (0 DUPLICATES REMOVED)

=> s l15 and ( magnetite or maghemite or manganese (a) zinc (a) ferrite)
L16          47 L15 AND (MAGNETITE OR MAGHEMITE OR MANGANESE (A) ZINC (A) FERRI
                TE)

=> d l16 30-47

L16  ANSWER 30 OF 47  USPATFULL on STN
AN     2002:191440  USPATFULL <<LOGINID::20100708>>
TI     Silver halide color photographic light-sensitive material
IN     Koide, Tomoyuki, Minami-ashigara-shi, JAPAN
       Kawagishi, Toshio, Minami-ashigara-shi, JAPAN
PI     US 20020102504      A1  20020801
       US 6528243          B2  20030304
AI     US 2001-983805      A1  20011025 (9)
PRAI   JP 2000-329527          20001027
DT     Utility
FS     APPLICATION
LN.CNT 3426
INCL   INCLM: 430/543.000
       INCLS: 430/567.000; 430/619.000; 430/350.000; 430/603.000; 430/600.000
NCL    NCLM:  430/543.000
       NCLS:  430/206.000; 430/351.000; 430/376.000; 430/471.000; 430/550.000;
              430/567.000; 430/600.000; 430/601.000; 430/603.000; 430/350.000;
              430/619.000
IC     [7]
       ICM    G03C001-035
       ICS    G03C001-09; G03C001-42; G03C001-498
       IPCI   G03C0001-035 [ICM,7]; G03C0001-09 [ICS,7]; G03C0001-42 [ICS,7];
              G03C0001-498 [ICS,7]
       IPCI-2 G03C0001-08 [ICM,7]; G03C0007-26 [ICS,7]; G03C0007-32 [ICS,7]
       IPCR   G03C0001-09 [N,C*]; G03C0001-09 [N,A]; G03C0001-498 [I,C*];
              G03C0001-498 [I,A]; G03C0007-22 [N,C*]; G03C0007-24 [N,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16  ANSWER 31 OF 47  USPATFULL on STN
AN     2002:50540  USPATFULL <<LOGINID::20100708>>
TI     Magnetically enhanced composite materials and methods for making and
       using the same
IN     Amarasinghe, Sudath, Iowa City, IA, United States
       Minteer, Shelley, Burlington, IA, United States
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Zook, Lois Anne, Richmond, OH, United States
Dunwoody, Drew C., St. Paul, MN, United States
Spolar, Catherine, Minnetonka, MN, United States
Chung, Hachull, Chonan, KOREA, REPUBLIC OF
Leddy, Johna, Iowa City, IA, United States
PA The University of Iowa Research Foundation, Iowa City, IA, United States (U.S. corporation)
PI US 6355166 B1 20020312
AI US 1999-429931 19991029 (9)
RLI Continuation-in-part of Ser. No. US 1995-486570, filed on 7 Jun 1995, now patented, Pat. No. US 6001248 Continuation-in-part of Ser. No. US 1994-294797, filed on 25 Aug 1994, now abandoned
PRAI US 1999-159374P 19991014 (60)
US 1999-139318P 19990615 (60)
DT Utility
FS GRANTED
LN.CNT 2971
INCL INCLM: 210/223.000
INCLS: 210/222.000; 210/243.000; 204/280.000; 204/283.000; 429/010.000; 429/012.000; 429/040.000; 429/127.000
NCL NCLM: 210/223.000
NCLS: 204/280.000; 204/283.000; 210/222.000; 210/243.000; 429/010.000; 429/012.000; 429/040.000; 429/127.000
IC [7]
ICM H01M004-90
ICS B01D035-06
IPCI H01M0004-90 [ICM,7]; B01D0035-06 [ICS,7]
IPCR B01D0049-00 [I,C*]; B01D0049-00 [I,A]; B03C0001-00 [I,C*]; B03C0001-00 [I,A]; B03C0001-005 [I,C*]; B03C0001-01 [I,A]; B03C0001-02 [I,C*]; B03C0001-023 [I,A]; B03C0001-025 [I,A]; B03C0001-035 [I,A]; C23C0006-00 [I,C*]; C23C0006-00 [I,A]; C23C0024-00 [I,C*]; C23C0024-08 [I,A]; C23C0030-00 [I,C*]; C23C0030-00 [I,A]; C25B0011-00 [I,C*]; C25B0011-00 [I,A]; C25B0013-00 [I,C*]; C25B0013-00 [I,A]; C25D0003-02 [I,C*]; C25D0003-54 [I,A]; G21F0009-12 [I,C*]; G21F0009-12 [I,A]; H01F0001-00 [I,C*]; H01F0001-00 [I,A]; H01F0010-00 [I,C*]; H01F0010-00 [I,A]; H01F0041-14 [I,C*]; H01F0041-24 [I,A]; H01F0041-26 [I,A]; H01F0041-30 [I,A]; H01M0004-02 [I,C*]; H01M0004-02 [I,A]; H01M0004-36 [I,C*]; H01M0004-36 [I,A]; H01M0004-86 [I,C*]; H01M0004-86 [I,A]; H01M0004-88 [I,C*]; H01M0004-88 [I,A]; H01M0004-90 [I,C*]; H01M0004-90 [I,A]; H01M0004-92 [N,A]; H01M0008-00 [I,C*]; H01M0008-00 [I,A]; H01M0008-04 [I,C*]; H01M0008-04 [I,A]; H01M0008-10 [I,C*]; H01M0008-10 [I,A]; H01M0008-24 [N,C*]; H01M0008-24 [N,A]; H01M0010-42 [I,C*]; H01M0010-42 [I,A]
EXF 429/10; 429/12; 429/127; 429/40; 210/222; 210/223; 210/243; 204/280; 204/283
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 32 OF 47 USPATFULL on STN
AN 2001:71290 USPATFULL <<LOGINID::20100708>>
TI Silver halid color photographic photosensitive material
IN Ohzeki, Katsuhisa, Kanagawa, Japan
Asami, Masahiro, Kanagawa, Japan
Yokokawa, Takuya, Kanagawa, Japan
Naruse, Hideaki, Kanagawa, Japan
PA Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)
PI US 6232055 B1 20010515
AI US 1999-281075 19990310 (9)
RLI Division of Ser. No. US 1997-959338, filed on 28 Oct 1997
PRAI JP 1996-302496 19961028

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       JP 1997-27165          19970127
       JP 1997-41637          19970210
DT     Utility
FS     Granted
LN.CNT 4126
INCL   INCLM: 430/505.000
       INCLS: 430/351.000; 430/567.000; 430/203.000; 430/206.000; 430/404.000;
              430/543.000; 430/558.000
NCL    NCLM:  430/505.000
       NCLS:  430/203.000; 430/206.000; 430/351.000; 430/404.000; 430/543.000;
              430/558.000; 430/567.000
IC     [7]
       ICM    G03C001-46
       IPCI   G03C0001-46 [ICM,7]
       IPCR   G03C0007-38 [N,A]; G03C0007-38 [N,C*]; G03C0008-40 [I,A];
              G03C0008-40 [I,C*]
EXF    430/351; 430/567; 430/203; 430/206; 430/404; 430/505; 430/543; 430/558
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16  ANSWER 33 OF 47  USPATFULL on STN
AN     2001:67376  USPATFULL <<LOGINID::20100708>>
TI     Silver halide color photographic photosensitive material
IN     Ohzeki, Katsuhisa, Kanagawa, Japan
       Asami, Masahiro, Kanagawa, Japan
PA     Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)
PI     US 6228565          B1  20010508
AI     US 1997-959338          19971028 (8)
PRAI   JP 1996-302496          19961028
       JP 1997-27165          19970127
       JP 1997-41637          19970210
DT     Utility
FS     Granted
LN.CNT 4156
INCL   INCLM: 430/351.000
       INCLS: 430/380.000; 430/404.000; 430/543.000
NCL    NCLM:  430/351.000
       NCLS:  430/380.000; 430/404.000; 430/543.000
IC     [7]
       ICM    G03C007-38
       ICS    G03C007-407; G03C007-32; G03C001-035
       IPCI   G03C0007-38 [ICM,7]; G03C0007-407 [ICS,7]; G03C0007-32 [ICS,7];
              G03C0001-035 [ICS,7]
       IPCR   G03C0007-38 [N,A]; G03C0007-38 [N,C*]; G03C0008-40 [I,A];
              G03C0008-40 [I,C*]
EXF    430/203; 430/206; 430/351; 430/404; 430/380; 430/543
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16  ANSWER 34 OF 47  USPATFULL on STN
AN     2001:55672  USPATFULL <<LOGINID::20100708>>
TI     Silver halide color photographic photosensitive material
IN     Ohzeki, Katsuhisa, Kanagawa, Japan
       Asami, Masahiro, Kanagawa, Japan
       Yokokawa, Takuya, Kanagawa, Japan
       Naruse, Hideaki, Kanagawa, Japan
PA     Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)
PI     US 6218095          B1  20010417
AI     US 1999-281074          19990310 (9)
RLI    Division of Ser. No. US 1997-959338, filed on 28 Oct 1997
PRAI   JP 1996-302496          19961028
       JP 1997-27165          19970127
       JP 1997-41637          19970210
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DT Utility
FS Granted
LN.CNT 4125
INCL INCLM: 430/505.000
INCLS: 430/567.000; 430/558.000
NCL NCLM: 430/505.000
NCLS: 430/558.000; 430/567.000
IC [7]
ICM G03C001-46
IPCI G03C0001-46 [ICM,7]
IPCR G03C0007-38 [N,A]; G03C0007-38 [N,C*]; G03C0008-40 [I,A];
G03C0008-40 [I,C*]
EXF 430/567; 430/203; 430/206; 430/351; 430/404; 430/505; 430/543; 430/558
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 35 OF 47 USPATFULL on STN
AN 2000:64666 USPATFULL <<LOGINID::20100708>>
TI Silver halide photosensitive material and method for forming image
IN Araki, Yasushi, Kanagawa, Japan
Hosoya, Yoichi, Kanagawa, Japan
Saitou, Mitsuo, Kanagawa, Japan
PA Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)
PI US 6066440 20000523
AI US 1998-35205 19980305 (9)
PRAI JP 1997-67396 19970305
JP 1997-261013 19970909
DT Utility
FS Granted
LN.CNT 3735
INCL INCLM: 430/354.000
INCLS: 430/203.000; 430/351.000; 430/383.000; 430/405.000; 430/640.000;
430/642.000
NCL NCLM: 430/354.000
NCLS: 430/203.000; 430/351.000; 430/383.000; 430/405.000; 430/640.000;
430/642.000
IC [7]
ICM G03C007-00
ICS G03C005-40
IPCI G03C0007-00 [ICM,7]; G03C0005-40 [ICS,7]
IPCR G03C0001-005 [N,A]; G03C0001-005 [N,C*]; G03C0001-047 [I,A];
G03C0001-047 [I,C*]; G03C0008-40 [I,A]; G03C0008-40 [I,C*]
EXF 430/203; 430/351; 430/640; 430/642; 430/567; 430/354; 430/405; 430/483;
430/300; 430/383
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 36 OF 47 USPATFULL on STN
AN 2000:24429 USPATFULL <<LOGINID::20100708>>
TI Image forming method
IN Matsumoto, Kazuhiko, Kanagawa, Japan
Morigaki, Masakazu, Kanagawa, Japan
PA Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)
PI US 6030755 20000229
AI US 1998-22523 19980212 (9)
PRAI JP 1997-44666 19970212
DT Utility
FS Granted
LN.CNT 3710
INCL INCLM: 430/351.000
INCLS: 430/350.000; 430/203.000; 430/391.000; 430/405.000
NCL NCLM: 430/351.000
NCLS: 430/203.000; 430/350.000; 430/391.000; 430/405.000

IC [7]
ICM G03C008-32
ICS G03C007-407
IPCI G03C0008-32 [ICM,7]; G03C0007-407 [ICS,7]
IPCR G03C0007-00 [I,C*]; G03C0007-00 [I,A]; G03C0001-035 [I,C*]; G03C0001-035 [I,A]; G03C0001-42 [I,C*]; G03C0001-42 [I,A]; G03C0007-392 [I,C*]; G03C0007-392 [I,A]; G03C0007-407 [I,C*]; G03C0007-407 [I,A]; G03C0007-42 [I,C*]; G03C0007-42 [I,A]; G03C0007-46 [I,C*]; G03C0007-46 [I,A]; G03C0008-40 [I,C*]; G03C0008-40 [I,A]; G03C0011-00 [I,C*]; G03C0011-00 [I,A]
EXF 430/351; 430/350; 430/370; 430/203; 430/216; 430/239; 430/490; 430/352; 430/391; 430/405
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 37 OF 47 USPATFULL on STN
AN 1999:163399 USPATFULL <<LOGINID::20100708>>
TI Silver halide color photographic light-sensitive material and method for forming image
IN Asami, Masahiro, Kanagawa, Japan
Kojima, Tetsuro, Kanagawa, Japan
PA Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)
PI US 6001543 19991214
AI US 1998-128421 19980804 (9)
PRAI JP 1997-223078 19970805
JP 1998-179686 19980611
DT Utility
FS Granted
LN.CNT 4457
INCL INCLM: 430/351.000
INCLS: 430/203.000; 430/206.000; 430/353.000; 430/551.000; 430/567.000; 430/611.000
NCL NCLM: 430/351.000
NCLS: 430/203.000; 430/206.000; 430/353.000; 430/551.000; 430/567.000; 430/611.000
IC [6]
ICM G03C001-035
ICS G03C001-34; G03C007-32; G03C008-40
IPCI G03C0001-035 [ICM,6]; G03C0001-34 [ICS,6]; G03C0007-32 [ICS,6]; G03C0008-40 [ICS,6]
IPCR G03C0007-392 [I,C*]; G03C0007-392 [I,A]; G03C0001-005 [N,C*]; G03C0001-005 [N,A]; G03C0001-035 [I,C*]; G03C0001-035 [I,A]; G03C0001-07 [I,C*]; G03C0001-07 [I,A]; G03C0001-34 [I,C*]; G03C0001-34 [I,A]; G03C0001-42 [I,C*]; G03C0001-42 [I,A]; G03C0007-407 [I,C*]; G03C0007-407 [I,A]; G03C0008-40 [I,C*]; G03C0008-40 [I,A]
EXF 430/203; 430/206; 430/351; 430/353; 430/551; 430/611; 430/567
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 38 OF 47 USPATFULL on STN
AN 1998:75705 USPATFULL <<LOGINID::20100708>>
TI Silver halide color photographic light-sensitive material and color image forming method
IN Asami, Masahiro, Kanagawa, Japan
PA Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)
PI US 5773560 19980630
AI US 1997-900860 19970725 (8)
PRAI JP 1996-196767 19960725
DT Utility
FS Granted
LN.CNT 2926
INCL INCLM: 430/203.000

INCLS: 430/249.000; 430/254.000; 430/404.000
NCL NCLM: 430/203.000
NCLS: 430/249.000; 430/254.000; 430/351.000; 430/404.000; 430/551.000; 430/611.000
IC [6]
ICM G03C008-40
IPCI G03C0008-40 [ICM,6]
IPCR G03C0001-498 [I,C*]; G03C0001-498 [I,A]; G03C0008-40 [I,C*]; G03C0008-40 [I,A]
EXF 430/203; 430/249; 430/254; 430/404
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 39 OF 47 USPATFULL on STN
AN 1998:57634 USPATFULL <<LOGINID::20100708>>
TI Transition metal oxide coated substrates
IN Clough, Thomas J., Santa Monica, CA, United States
Grosvenor, Victor L., Topanga, CA, United States
Pinsky, Naum, Thousand Oaks, CA, United States
PA Ensci Inc., Pismo Beach, CA, United States (U.S. corporation)
PI US 5756207 19980526
AI US 1995-470259 19950606 (8)
RLI Division of Ser. No. US 1995-400283, filed on 2 Mar 1995, now patented, Pat. No. US 5603983 which is a continuation of Ser. No. US 1994-210075, filed on 17 Mar 1994, now abandoned which is a continuation of Ser. No. US 1993-105468, filed on 10 Aug 1993, now abandoned which is a continuation of Ser. No. US 1992-839786, filed on 21 Feb 1992, now abandoned which is a continuation-in-part of Ser. No. US 1991-770557, filed on 3 Oct 1991, now abandoned Ser. No. Ser. No. US 1991-743719, filed on 12 Aug 1991, now patented, Pat. No. US 5279852 Ser. No. Ser. No. US 1991-743738, filed on 12 Aug 1991, now patented, Pat. No. US 5306522 And Ser. No. US 1991-743827, filed on 12 Aug 1991, now patented, Pat. No. US 5290589 , each Ser. No. US - which is a continuation-in-part of Ser. No. US 1990-621660, filed on 3 Dec 1990, now patented, Pat. No. US 5204140 Ser. No. Ser. No. US 1989-348789, filed on 8 May 1989, now patented, Pat. No. US 5167820 Ser. No. Ser. No. US 1989-348788, filed on 8 May 1989, now patented, Pat. No. US 5039845 Ser. No. Ser. No. US 1989-348787, filed on 8 May 1989 And Ser. No. US 1989-348786, filed on 8 May 1989 , each Ser. No. US - which is a continuation-in-part of Ser. No. US 1988-272539, filed on 17 Nov 1988 And Ser. No. US 1988-272517, filed on 17 Nov 1988 , each Ser. No. US - which is a continuation-in-part of Ser. No. US 1987-82277, filed on 6 Aug 1987, now patented, Pat. No. US 4787125 which is a division of Ser. No. US 1986-843047, filed on 24 Mar 1986, now patented, Pat. No. US 4713306
DT Utility
FS Granted
LN.CNT 3943
INCL INCLM: 428/375.000
INCLS: 428/379.000; 428/388.000; 428/389.000; 428/403.000; 428/701.000
NCL NCLM: 428/375.000
NCLS: 428/379.000; 428/388.000; 428/389.000; 428/403.000; 428/701.000
IC [6]
ICM B32B005-16
IPCI B32B0005-16 [ICM,6]
IPCR B32B0005-16 [I,C*]; B32B0005-16 [I,A]
EXF 428/357; 428/375; 428/379; 428/388; 428/389; 428/402; 428/403; 428/701; 428/702

L16 ANSWER 40 OF 47 USPATFULL on STN
AN 1998:54675 USPATFULL <<LOGINID::20100708>>
TI Process for treating silver halide color photosensitive material

IN Ishikawa, Takatoshi, Kanagawa, Japan
PA Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)
PI US 5753424 19980519
AI US 1997-864342 19970528 (8)
RLI Continuation of Ser. No. US 1995-533743, filed on 26 Sep 1995, now abandoned
PRAI JP 1994-254119 19940926
DT Utility
FS Granted
LN.CNT 2992
INCL INCLM: 430/463.000
INCLS: 430/372.000; 430/398.000; 430/428.000; 430/429.000
NCL NCLM: 430/463.000
NCLS: 430/372.000; 430/398.000; 430/428.000; 430/429.000
IC [6]
ICM G03C007-44
IPCI G03C0007-44 [ICM,6]
IPCR G03C0007-30 [I,C*]; G03C0007-30 [I,A]; G03C0007-38 [N,C*]; G03C0007-38 [N,A]; G03C0007-384 [N,A]
EXF 430/372; 430/398; 430/428; 430/429; 430/463
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 41 OF 47 USPATFULL on STN
AN 97:44893 USPATFULL <<LOGINID::20100708>>
TI Imaging elements capable of providing in a single layer an image and an independent magnetic record
IN Nair, Mridula, Penfield, NY, United States
Oltean, George L., Rochester, NY, United States
PA Eastman Kodak Company, Rochester, NY, United States (U.S. corporation)
PI US 5633127 19970527
AI US 1996-626228 19960329 (8)
DT Utility
FS Granted
LN.CNT 1379
INCL INCLM: 430/496.000
INCLS: 430/140.000; 430/501.000; 428/694.000BS; 428/694.000B; 428/694.000BG; 428/900.000
NCL NCLM: 430/496.000
NCLS: 428/840.000; 428/900.000; 430/140.000; 430/501.000
IC [6]
ICM G03C001-76
IPCI G03C0001-76 [ICM,6]
IPCR G03C0001-00 [I,C*]; G03C0001-00 [I,A]; G03C0001-06 [I,C*]; G03C0001-06 [I,A]; G03C0001-38 [I,C*]; G03C0001-38 [I,A]; G03C0005-12 [I,C*]; G03C0005-14 [I,A]; G03C0011-00 [I,C*]; G03C0011-02 [I,A]; G11B0005-62 [I,C*]; G11B0005-633 [I,A]
EXF 430/140; 430/496; 430/523; 430/501; 430/495.1; 428/694BS; 428/694B; 428/694BG; 428/900
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 42 OF 47 USPATFULL on STN
AN 97:14462 USPATFULL <<LOGINID::20100708>>
TI Process for the production of conductive and magnetic transitin metal oxide coated three dimensional substrates
IN Clough, Thomas J., Santa Monica, CA, United States
Grosvenor, Victor L., Topanga, CA, United States
Pinsky, Naum, Thousand Oaks, CA, United States
PA Ensci Inc, Pismo Beach, CA, United States (U.S. corporation)
PI US 5603983 19970218
AI US 1995-400283 19950302 (8)
RLI Continuation of Ser. No. US 1994-210075, filed on 17 Mar 1994, now

abandoned which is a continuation of Ser. No. US 1993-105468, filed on 17 Mar 1993, now abandoned which is a continuation of Ser. No. US 1992-839786, filed on 21 Feb 1992, now abandoned which is a continuation of Ser. No. US 1991-770557, filed on 3 Oct 1991, now abandoned Ser. No. Ser. No. US 1991-743719, filed on 12 Aug 1991, now patented, Pat. No. US 5279852, issued on 18 Jan 1994 Ser. No. Ser. No. US 1991-743738, filed on 12 Aug 1991, now patented, Pat. No. US 5306522, issued on 26 Apr 1994 And Ser. No. US 1991-743827, filed on 12 Aug 1991, now patented, Pat. No. US 5290589, issued on 1 Mar 1994 , each Ser. No. US - which is a continuation-in-part of Ser. No. US 1989-348789, filed on 8 May 1989, now patented, Pat. No. US 5167820, issued on 1 Dec 1992 Ser. No. Ser. No. US 1989-348788, filed on 8 May 1989, now patented, Pat. No. US 5039845, issued on 13 Aug 1991 Ser. No. Ser. No. US 1989-348787, filed on 8 May 1989, now abandoned And Ser. No. US 1989-348786, filed on 8 May 1989, now patented, Pat. No. US 5182165, issued on 26 Jan 1993 , each Ser. No. US - which is a continuation-in-part of Ser. No. US 1987-82277, filed on 6 Aug 1987, now patented, Pat. No. US 4787125, issued on 29 Nov 1988 which is a division of Ser. No. US 1986-843047, filed on 24 Mar 1986, now patented, Pat. No. US 4713306, issued on 15 Dec 1987

DT Utility
FS Granted
LN.CNT 3887
INCL INCLM: 427/126.300
INCLS: 427/126.500; 427/126.600; 427/213.000; 427/376.200; 427/377.000
NCL NCLM: 427/126.300
NCLS: 427/126.500; 427/126.600; 427/213.000; 427/376.200; 427/377.000
IC [6]
ICM B05D005-12
IPCI B05D0005-12 [ICM,6]
IPCR B05D0005-12 [I,C*]; B05D0005-12 [I,A]
EXF 427/126.3; 427/126.5; 427/126.6; 427/213; 427/376.2; 427/377
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 43 OF 47 USPATFULL on STN
AN 95:78110 USPATFULL <<LOGINID::20100708>>
TI Magnetically assisted binding assays using magnetically labeled binding members
IN Rohr, Thomas E., Gurnee, IL, United States
PA Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)
PI US 5445971 19950829
AI US 1994-348780 19941201 (8)
RLI Continuation of Ser. No. US 1993-161376, filed on 2 Dec 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-854151, filed on 20 Mar 1992, now abandoned
DT Utility
FS Granted
LN.CNT 1755
INCL INCLM: 436/526.000
INCLS: 435/291.000; 436/528.000; 436/534.000; 436/806.000; 422/236.000; 209/214.000
NCL NCLM: 436/526.000
NCLS: 209/214.000; 422/236.000; 435/287.200; 436/528.000; 436/534.000; 436/806.000
IC [6]
ICM G01N033-546
ICS G01N033-553
IPCI G01N0033-546 [ICM,6]; G01N0033-544 [ICM,6,C*]; G01N0033-553 [ICS,6]; G01N0033-551 [ICS,6,C*]
IPCR G01N0033-543 [I,C*]; G01N0033-543 [I,A]
EXF 435/291; 436/526; 436/518; 436/528; 436/534; 436/806; 422/236; 209/214;

210/222; 210/223; 210/695
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 44 OF 47 USPATFULL on STN
AN 95:78109 USPATFULL <<LOGINID::20100708>>
TI Magnetically assisted binding assays using magnetically labeled binding members
IN Rohr, Thomas E., Ferndale, IL, United States
PA Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)
PI US 5445970 19950829
AI US 1994-348503 19941201 (8)
RLI Continuation of Ser. No. US 1993-161105, filed on 2 Dec 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-854151, filed on 20 Mar 1992, now abandoned
DT Utility
FS Granted
LN.CNT 1802
INCL INCLM: 436/526.000
INCLS: 436/528.000; 436/534.000; 436/806.000; 422/236.000; 209/214.000
NCL NCLM: 436/526.000
NCLS: 209/214.000; 422/236.000; 436/528.000; 436/534.000; 436/806.000
IC [6]
ICM G01N033-546
ICS G01N033-553
IPCI G01N0033-546 [ICM,6]; G01N0033-544 [ICM,6,C*]; G01N0033-553 [ICS,6]; G01N0033-551 [ICS,6,C*]
IPCR G01N0033-543 [I,C*]; G01N0033-543 [I,A]
EXF 436/526; 436/528; 436/534; 436/806; 422/236; 209/214; 210/222; 210/223; 210/695
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 45 OF 47 USPATFULL on STN
AN 94:86249 USPATFULL <<LOGINID::20100708>>
TI Iron oxide coated substrates
IN Clough, Thomas J., Santa Monica, CA, United States
Grosvenor, Victor L., Topanga, CA, United States
Pinsky, Naum, Thousand Oaks, CA, United States
PA Ensci, Inc., Pismo Beach, CA, United States (U.S. corporation)
PI US 5352517 19941004
AI US 1994-18399 19940118 (8)
RLI Division of Ser. No. US 1991-743827, filed on 12 Aug 1991, now patented, Pat. No. US 5290589 which is a continuation-in-part of Ser. No. US 1990-621660, filed on 3 Dec 1990, now patented, Pat. No. US 5204140 which is a continuation-in-part of Ser. No. US 1989-348789, filed on 8 May 1989, now patented, Pat. No. US 5167820 Ser. No. Ser. No. US 1989-348788, filed on 8 May 1989, now patented, Pat. No. US 5039845 Ser. No. Ser. No. US 1989-348787, filed on 8 May 1989, now abandoned And Ser. No. US 1989-348786, filed on 8 May 1989, now patented, Pat. No. US 5182165 , each which is a continuation-in-part of Ser. No. US 1988-272517, filed on 17 Nov 1988, now abandoned And Ser. No. US 1988-272539, filed on 17 Nov 1988, now abandoned , each which is a continuation-in-part of Ser. No. US 1987-82277, filed on 6 Aug 1987, now patented, Pat. No. US 4787125 which is a division of Ser. No. US 1986-843047, filed on 24 Mar 1986, now patented, Pat. No. US 4713306
DT Utility
FS Granted
LN.CNT 1739
INCL INCLM: 428/357.000
INCLS: 428/375.000; 428/379.000; 428/388.000; 428/389.000; 428/402.000; 428/403.000
NCL NCLM: 428/357.000

NCLS: 428/375.000; 428/379.000; 428/388.000; 428/389.000; 428/402.000; 428/403.000
IC [5]
ICM B32B019-00
IPCI B32B0019-00 [ICM,5]
IPCR A61K0006-02 [I,C*]; A61K0006-033 [I,A]; B05D0005-12 [I,C*]; B05D0005-12 [I,A]; B32B0019-00 [I,C*]; B32B0019-00 [I,A]
EXF 428/283; 428/284; 428/402; 428/403; 428/902; 428/114; 428/294; 428/323; 428/357; 428/402; 428/403; 428/375; 428/379; 428/388; 428/389

L16 ANSWER 46 OF 47 USPATFULL on STN
AN 94:17830 USPATFULL <<LOGINID::20100708>>
TI Process for coating a substrate with iron oxide and uses for coated substrates
IN Clough, Thomas J., Santa Monica, CA, United States
Grosvenor, Victor L., Topanga, CA, United States
Pinsky, Naum, Thousand Oaks, CA, United States
PA Ensci, Inc., Santa Monica, CA, United States (U.S. corporation)
PI US 5290589 19940301
AI US 1991-743827 19910812 (7)
RLI Continuation-in-part of Ser. No. US 1990-621660, filed on 3 Dec 1990, now patented, Pat. No. US 5204140 which is a continuation-in-part of Ser. No. US 1989-348789, filed on 8 May 1989, now patented, Pat. No. US 5167820 Ser. No. Ser. No. US 1989-348788, filed on 8 May 1989, now patented, Pat. No. US 5039845 Ser. No. Ser. No. US 1989-348787, filed on 8 May 1989, now abandoned And Ser. No. US 1989-348786, filed on 8 May 1989, now patented, Pat. No. US 5182165 , each which is a continuation-in-part of Ser. No. US 1988-272517, filed on 17 Nov 1988, now abandoned And Ser. No. US 1988-272539, filed on 17 Nov 1988, now abandoned , each which is a continuation-in-part of Ser. No. US 1987-82277, filed on 6 Aug 1987, now patented, Pat. No. US 4787125 which is a division of Ser. No. US 1986-843047, filed on 24 Mar 1986, now patented, Pat. No. US 4713306
DT Utility
FS Granted
LN.CNT 1732
INCL INCLM: 427/126.300
INCLS: 427/126.100; 427/126.200; 427/215.000; 427/216.000; 427/217.000; 427/376.200
NCL NCLM: 427/126.300
NCLS: 427/126.100; 427/126.200; 427/215.000; 427/216.000; 427/217.000; 427/376.200; 428/813.000
IC [5]
ICM B05D005-12
IPCI B05D0005-12 [ICM,5]
IPCR A61K0006-02 [I,C*]; A61K0006-033 [I,A]; B05D0005-12 [I,C*]; B05D0005-12 [I,A]; B32B0019-00 [I,C*]; B32B0019-00 [I,A]
EXF 427/126.1; 427/126.2; 427/126.3; 427/215; 427/216; 427/217; 427/376.2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 47 OF 47 USPATFULL on STN
AN 92:57542 USPATFULL <<LOGINID::20100708>>
TI Conductive coating compositions
IN Lu, Chin H., Freemont, CA, United States
Chow, Joseph S., Hillsborough, CA, United States
PA Xerox Corporation, Stamford, CT, United States (U.S. corporation)
PI US 5130177 19920714
AI US 1990-473542 19900201 (7)
DT Utility
FS Granted
LN.CNT 999

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INCL   INCLM: 428/195.000
       INCLS: 428/204.000; 428/206.000; 428/219.000; 428/411.100; 428/913.000
NCL    NCLM:  428/195.100
       NCLS:  428/204.000; 428/206.000; 428/219.000; 428/411.100; 428/913.000
IC     [5]
       ICM    B32B009-00
       IPCI   B32B0009-00 [ICM,5]
       IPCR   C09D0005-24 [I,C*]; C09D0005-24 [I,A]; G03G0005-02 [I,C*];
              G03G0005-02 [I,A]; G03G0005-10 [I,C*]; G03G0005-10 [I,A];
              G03G0007-00 [I,C*]; G03G0007-00 [I,A]; G03G0015-00 [I,C*];
              G03G0015-00 [I,A]
EXF    428/195; 428/219; 428/204; 428/206; 428/913; 428/411.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


=> d his

     (FILE 'HOME' ENTERED AT 12:38:32 ON 08 JUL 2010)

     FILE 'CAPLUS, MEDLINE, BIOSIS, BIOTECHNO, COMPENDEX, ANABSTR, CERAB,
     METADEX, USPATFULL' ENTERED AT 12:39:05 ON 08 JUL 2010
L1        33556 S SILICON (P) ALUMINUM (P) COATING
L2        32067 DUP REM L1 (1489 DUPLICATES REMOVED)
L3         2466 S L2 AND (IRON (A) OXIDE)
L4          734 S L3 (L) SHELL
L5          734 DUP REM L4 (0 DUPLICATES REMOVED)
L6          423 S SILICON (S) ALUMINUM (S) COAT? (S) SHELL
L7         9055 S SILICON (S) ALUMINUM (S) COAT? (S) COMPOSIT?
L8          192 S SILICON (S) ALUMINUM (S) COAT? (S) COMPOSIT? (S) SHELL
L9          192 DUP REM L8 (0 DUPLICATES REMOVED)
L10          90 S L9 (L) IRON (A) OXIDE
L11           3 S L10 (L) MAGNETITE
L12       24333 S ALUMIN? (S) SILIC? (S) COMPOSIT? (S) (SHELL OR COAT?)
L13        3161 S L12 AND (ANTIBOD? OR PROTEIN OR ASSAY)
L14         716 S L13 AND (IRON (3A) OXIDE)
L15         716 DUP REM L14 (0 DUPLICATES REMOVED)
L16          47 S L15 AND ( MAGNETITE OR MAGHEMITE OR MANGANESE (A) ZINC (A) F

=> d l16 1-47  ti

L16  ANSWER 1 OF 47  USPATFULL on STN
TI     Multifunctional particles providing cellular uptake and magnetic motor
       effect

L16  ANSWER 2 OF 47  USPATFULL on STN
TI     PEARLESCENT PIGMENTS CONTAINING COSMETIC COMPOSITIONS

L16  ANSWER 3 OF 47  USPATFULL on STN
TI     POROUS INORGANIC MATERIALS OF SILCON AND OXYGEN

L16  ANSWER 4 OF 47  USPATFULL on STN
TI     Interference Pigments on the Basis of Glass Flakes

L16  ANSWER 5 OF 47  USPATFULL on STN
TI     Agricultural chemical containing top dressing composition and process
       for use thereof

L16  ANSWER 6 OF 47  USPATFULL on STN
TI     Interference pigments on the basis of silicon oxides

L16  ANSWER 7 OF 47  USPATFULL on STN
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TI Spreader apparatus for sand based formulations

L16 ANSWER 8 OF 47 USPATFULL on STN
TI Composition And Method For Making A Proppant

L16 ANSWER 9 OF 47 USPATFULL on STN
TI Spreader based fungicides

L16 ANSWER 10 OF 47 USPATFULL on STN
TI Proppants With Carbide and/or Nitride Phases

L16 ANSWER 11 OF 47 USPATFULL on STN
TI Composition and Method For Making a Proppant

L16 ANSWER 12 OF 47 USPATFULL on STN
TI Process for Preparing Flake-Form Pigments Based on Aluminium and on Sioz(Z=0.7-2.0)

L16 ANSWER 13 OF 47 USPATFULL on STN
TI Composition and method for making a proppant

L16 ANSWER 14 OF 47 USPATFULL on STN
TI Composition and method for making a proppant

L16 ANSWER 15 OF 47 USPATFULL on STN
TI FINE COMPOSITE METAL PARTICLES AND THEIR PRODUCTION METHOD, MICRO-BODIES, AND MAGNETIC BEADS

L16 ANSWER 16 OF 47 USPATFULL on STN
TI FINE COMPOSITE METAL PARTICLES AND THEIR PRODUCTION METHOD, MICRO-BODIES, AND MAGNETIC BEADS

L16 ANSWER 17 OF 47 USPATFULL on STN
TI Volumizing Agents

L16 ANSWER 18 OF 47 USPATFULL on STN
TI Process for the production of porous inorganic materials or a matrix material containing nanoparticles

L16 ANSWER 19 OF 47 USPATFULL on STN
TI Novel interference pigments

L16 ANSWER 20 OF 47 USPATFULL on STN
TI Multi-component particles comprising inorganic nanoparticles distributed in an organic matrix and processes for making and using same

L16 ANSWER 21 OF 47 USPATFULL on STN
TI Interference pigments on the basis of silicon oxides

L16 ANSWER 22 OF 47 USPATFULL on STN
TI Reducing pigments

L16 ANSWER 23 OF 47 USPATFULL on STN
TI Process for coating a substrate

L16 ANSWER 24 OF 47 USPATFULL on STN
TI Plane-parallel structures of silicon/silicon oxide

L16 ANSWER 25 OF 47 USPATFULL on STN
TI Fine composite metal particles and their production method, micro-bodies, and magnetic beads

L16 ANSWER 26 OF 47 USPATFULL on STN
TI Methods of producing plane-parallel structures of silicon suboxide, silicon dioxide and/or silicon carbide, plane-parallel structures obtainable by such methods, and the use thereof

L16 ANSWER 27 OF 47 USPATFULL on STN
TI Novel nanomagnetic particles

L16 ANSWER 28 OF 47 USPATFULL on STN
TI Magnetic carrier for biological substance, production method thereof and isolation method of biological substance using same

L16 ANSWER 29 OF 47 USPATFULL on STN
TI Liposome coated with polyhydroxyalkanoate and production method thereof

L16 ANSWER 30 OF 47 USPATFULL on STN
TI Silver halide color photographic light-sensitive material

L16 ANSWER 31 OF 47 USPATFULL on STN
TI Magnetically enhanced composite materials and methods for making and using the same

L16 ANSWER 32 OF 47 USPATFULL on STN
TI Silver halid color photographic photosensitive material

L16 ANSWER 33 OF 47 USPATFULL on STN
TI Silver halide color photographic photosensitive material

L16 ANSWER 34 OF 47 USPATFULL on STN
TI Silver halide color photographic photosensitive material

L16 ANSWER 35 OF 47 USPATFULL on STN
TI Silver halide photosensitive material and method for forming image

L16 ANSWER 36 OF 47 USPATFULL on STN
TI Image forming method

L16 ANSWER 37 OF 47 USPATFULL on STN
TI Silver halide color photographic light-sensitive material and method for forming image

L16 ANSWER 38 OF 47 USPATFULL on STN
TI Silver halide color photographic light-sensitive material and color image forming method

L16 ANSWER 39 OF 47 USPATFULL on STN
TI Transition metal oxide coated substrates

L16 ANSWER 40 OF 47 USPATFULL on STN
TI Process for treating silver halide color photosensitive material

L16 ANSWER 41 OF 47 USPATFULL on STN
TI Imaging elements capable of providing in a single layer an image and an independent magnetic record

L16 ANSWER 42 OF 47 USPATFULL on STN
TI Process for the production of conductive and magnetic transitin metal oxide coated three dimensional substrates

L16 ANSWER 43 OF 47 USPATFULL on STN

TI Magnetically assisted binding assays using magnetically labeled binding members

L16 ANSWER 44 OF 47 USPATFULL on STN
TI Magnetically assisted binding assays using magnetically labeled binding members

L16 ANSWER 45 OF 47 USPATFULL on STN
TI Iron oxide coated substrates

L16 ANSWER 46 OF 47 USPATFULL on STN
TI Process for coating a substrate with iron oxide and uses for coated substrates

L16 ANSWER 47 OF 47 USPATFULL on STN
TI Conductive coating compositions

=> d l16 15, 18, 27, 28, 31, 43 ibib abs

L16 ANSWER 15 OF 47 USPATFULL on STN
ACCESSION NUMBER: 2007:173611 USPATFULL <<LOGINID::20100708>>
TITLE: FINE COMPOSITE METAL PARTICLES AND THEIR PRODUCTION METHOD, MICRO-BODIES, AND MAGNETIC BEADS
INVENTOR(S): KANEKO, Yasushi, Kumagaya-shi, JAPAN
Fujii, Shigeo, Kumagaya-shi, JAPAN
Tokoro, Hisato, Kumagaya-shi, JAPAN
Oku, Takeo, Otsu-shi, JAPAN
PATENT ASSIGNEE(S): HITACHI METALS, LTD., Tokyo, JAPAN (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20070151417	A1	20070705
APPLICATION INFO.:	US 2007-681049	A1	20070301 (11)

RELATED APPLN. INFO.: Division of Ser. No. US 2004-934515, filed on 7 Sep 2004, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2004-53554	20040227
	JP 2004-41659	20040218
	JP 2004-48480	20040224

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SUGHRUE MION, PLLC, 2100 PENNSYLVANIA AVENUE, N.W., SUITE 800, WASHINGTON, DC, 20037, US
NUMBER OF CLAIMS: 11
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 28 Drawing Page(s)
LINE COUNT: 1595
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Fine composite metal particle comprising a metal core and a coating layer of carbon, and being obtained by reducing metal oxide powder with carbon powder.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 18 OF 47 USPATFULL on STN
ACCESSION NUMBER: 2006:301305 USPATFULL <<LOGINID::20100708>>
TITLE: Process for the production of porous inorganic

materials or a matrix material containing nanoparticles
INVENTOR(S): Bujard, Patrice, Courtepin, SWITZERLAND
Muhlebach, Andreas, Frick, SWITZERLAND
Van Der Schaaf, Paul Adriaan, Hagenthal-le-Haut, FRANCE

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 20060257662	A1	20061116	
	US 7594962	B2	20090929	
APPLICATION INFO.:	US 2004-542035	A1	20040112	(10)
	WO 2004-EP137		20040112	
			20050713	PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2003-405017	20030117
	EP 2003-100548	20030306
	WO 2003-EP50229	20030616

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: CIBA SPECIALTY CHEMICALS CORPORATION, PATENT DEPARTMENT, 540 WHITE PLAINS RD, P O BOX 2005, TARRYTOWN, NY, 10591-9005, US
NUMBER OF CLAIMS: 23
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 2433
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to a process for the production of porous inorganic materials or a matrix material containing nanoparticles with high uniformity of thickness and/or high effective surface area and to the materials obtainable by this process. By the abovementioned process materials with a defined thickness in the region of ±10%, preferably ±5%, of the average thickness are available.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 27 OF 47 USPATFULL on STN
ACCESSION NUMBER: 2004:268745 USPATFULL <<LOGINID::20100708>>
TITLE: Novel nanomagnetic particles
INVENTOR(S): Wang, Xingwu, Wellsville, NY, UNITED STATES
Greenwald, Howard J., Rochester, NY, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 20040210289	A1	20041021	
APPLICATION INFO.:	US 2004-808618	A1	20040324	(10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2003-366082, filed on 13 Feb 2003, PENDING Continuation-in-part of Ser. No. US 2002-324773, filed on 18 Dec 2002, PENDING Continuation-in-part of Ser. No. US 2002-90553, filed on 4 Mar 2002, PENDING Continuation-in-part of Ser. No. US 2002-229183, filed on 26 Aug 2002, PENDING Continuation-in-part of Ser. No. US 2002-242969, filed on 13 Sep 2002, PENDING Continuation-in-part of Ser. No. US 2002-260247, filed on 30 Sep 2002, GRANTED, Pat. No. US 6673999 Continuation-in-part of Ser. No. US 2002-273738, filed on 18 Oct 2002, PENDING Continuation-in-part of Ser. No. US 2002-303264, filed on 25 Nov 2002, GRANTED, Pat. No. US 6713671 Continuation-in-part of Ser. No. US 2002-313847, filed

on 7 Dec 2002, PENDING Continuation-in-part of Ser. No. US 2002-303264, filed on 25 Nov 2002, GRANTED, Pat. No. US 6713671

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOWARD J. GREENWALD P.C., 349 W. COMMERCIAL STREET SUITE 2490, EAST ROCHESTER, NY, 14445-2408
NUMBER OF CLAIMS: 98
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 51 Drawing Page(s)
LINE COUNT: 11684
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition containing nanomagnetic particles. The, nanomagnetic particles have an average particle size of less than about 100 nanometers, a saturation magnetization of from about 2 to about 2,000 electromagnetic units per cubic centimeter, a phase transition temperature of from about 40 to about 200 degrees Celsius, and a squareness of from about 0.05 to about 1.0; the average coherence length between adjacent nanomagnetic particles is less than about 100 nanometers; and the nanomagnetic particles are at least triatomic.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 28 OF 47 USPATFULL on STN
ACCESSION NUMBER: 2004:165414 USPATFULL <<LOGINID::20100708>>
TITLE: Magnetic carrier for biological substance, production method thereof and isolation method of biological substance using same
INVENTOR(S): Nishiya, Yoshiaki, Osaka, JAPAN
Tsuboi, Satoko, Otokuni-gun, JAPAN
Kishimoto, Mikio, Moriya-shi, JAPAN
PATENT ASSIGNEE(S): Toyo Boseki Kabushiki Kaisha, Osaka, JAPAN (non-U.S. corporation)
Hitachi Maxell, Ltd., Osaka, JAPAN (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 20040126902	A1	20040701	
APPLICATION INFO.:	US 2003-607916	A1	20030627	(10)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2002-188140	20020627
	JP 2002-230533	20020807
	JP 2002-267170	20020912

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: LEYDIG VOIT & MAYER, LTD, TWO PRUDENTIAL PLAZA, SUITE 4900, 180 NORTH STETSON AVENUE, CHICAGO, IL, 60601-6780
NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Page(s)
LINE COUNT: 2350
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention mainly provides a magnetic carrier for biological substance, which shows improved dispersibility in aqueous solutions and is superior in the collectability by the magnetic field, reversible binding ability with a biological substance, elution property of the bound biological substance, and isolation and purification efficiency of biological substance, as compared to conventional magnetic carriers. The

magnetic carrier of the present invention includes a magnetic carrier having a saturation magnetization of 10-80 A.multidot.m.sup.2/kg and a coercive force of 0.80-15.92 kA/m, a magnetic carrier wherein a ferromagnetic iron oxide particle is coated with a compound comprising silicon and aluminum, and the like.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 31 OF 47 USPATFULL on STN

ACCESSION NUMBER:	2002:50540 USPATFULL <<LOGINID::20100708>>
TITLE:	Magnetically enhanced composite materials and methods for making and using the same
INVENTOR(S):	Amarasinghe, Sudath, Iowa City, IA, United States Minteer, Shelley, Burlington, IA, United States Zook, Lois Anne, Richmond, OH, United States Dunwoody, Drew C., St. Paul, MN, United States Spolar, Catherine, Minnetonka, MN, United States Chung, Hachull, Chonan, KOREA, REPUBLIC OF Leddy, Johna, Iowa City, IA, United States
PATENT ASSIGNEE(S):	The University of Iowa Research Foundation, Iowa City, IA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6355166	B1	20020312
APPLICATION INFO.:	US 1999-429931		19991029 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-486570, filed on 7 Jun 1995, now patented, Pat. No. US 6001248 Continuation-in-part of Ser. No. US 1994-294797, filed on 25 Aug 1994, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-159374P	19991014 (60)
	US 1999-139318P	19990615 (60)

DOCUMENT TYPE:	Utility
FILE SEGMENT:	GRANTED
PRIMARY EXAMINER:	Reifsnyder, David A.
LEGAL REPRESENTATIVE:	Fleshner & Kim, LLP
NUMBER OF CLAIMS:	25
EXEMPLARY CLAIM:	1
NUMBER OF DRAWINGS:	52 Drawing Figure(s); 52 Drawing Page(s)
LINE COUNT:	2971

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Materials and methods for making and using magnetically enhanced composite materials are provided. Surfaces coated with such composites can be used to improve fuel cells, material separators, and other applications. A variety of devices can incorporate such composites, including fuel cells, separators, batteries, and electrodes that effect electrolysis of magnetic species.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 43 OF 47 USPATFULL on STN

ACCESSION NUMBER:	95:78110 USPATFULL <<LOGINID::20100708>>
TITLE:	Magnetically assisted binding assays using magnetically labeled binding members
INVENTOR(S):	Rohr, Thomas E., Gurnee, IL, United States
PATENT ASSIGNEE(S):	Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5445971		19950829
APPLICATION INFO.:	US 1994-348780		19941201 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1993-161376, filed on 2 Dec 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-854151, filed on 20 Mar 1992, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Scheiner, Toni R.
ASSISTANT EXAMINER: Wolski, Susan C.
LEGAL REPRESENTATIVE: Bach, Mark C.
NUMBER OF CLAIMS: 2
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 25 Drawing Figure(s); 12 Drawing Page(s)
LINE COUNT: 1755
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides devices for performing binding assays. Such devices comprise (i) a reaction vessel where unbound and immobilized magnetically-labeled reagent are produced in relation to the amount of said analyte in said test sample; (ii) a separation means for partitioning said immobilized magnetically-labeled reagent and said bound magnetically-labeled reagent; (iii) a magnetic field generator means for the application of a magnetic field to said magnetically-labeled reagent; and (iv) a measurement means to assess the effect of said magnetic field on said magnetically-labeled reagent as a measure of the presence or amount of said analyte in said test sample. The device provided by the instant invention can run, for example, direct indirect, competitive, inhibition and sandwich assay formats.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.